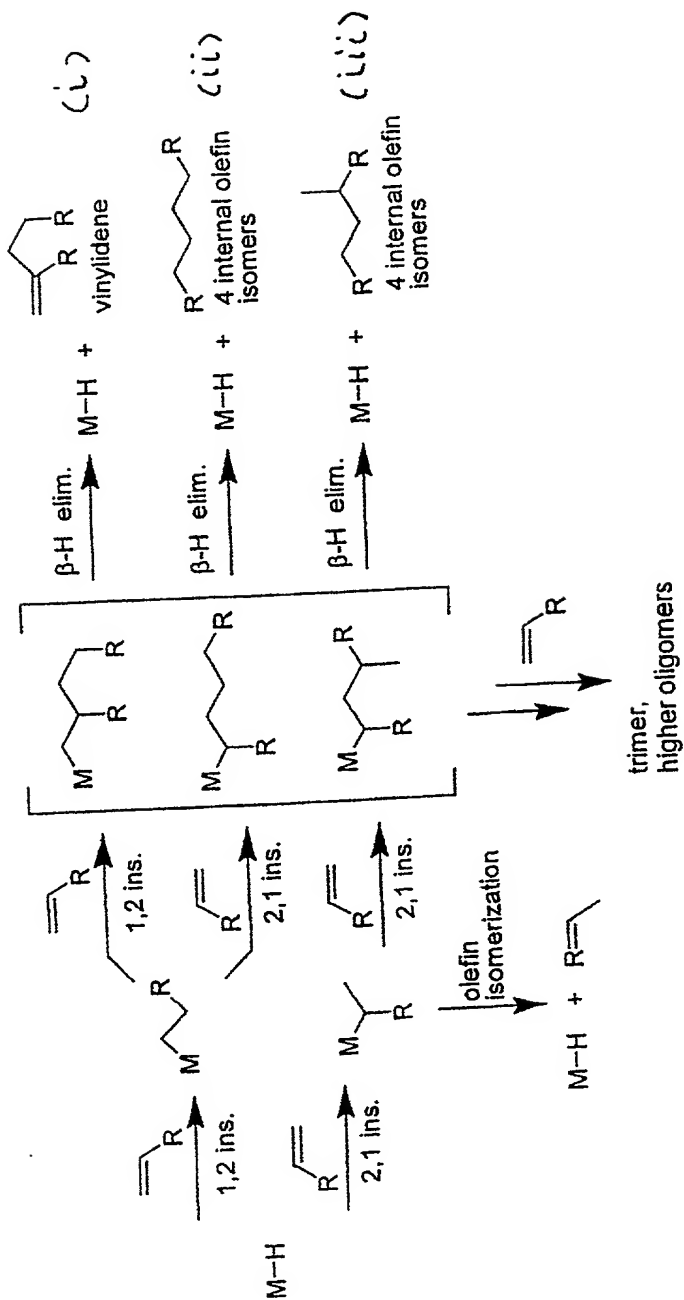


FIGURE 1



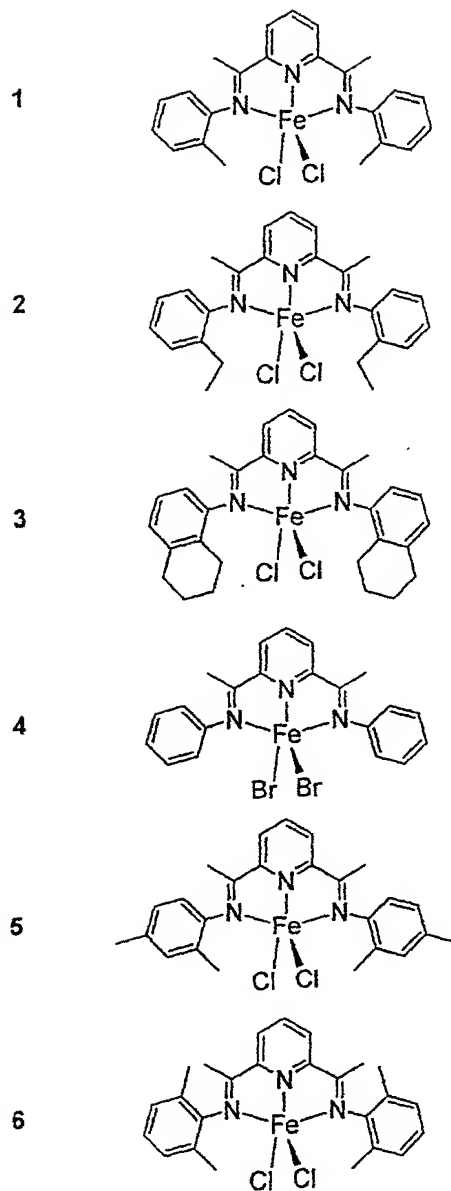


Figure 2. Fe-based precatalysts for α -olefin dimerization.

Figure 3

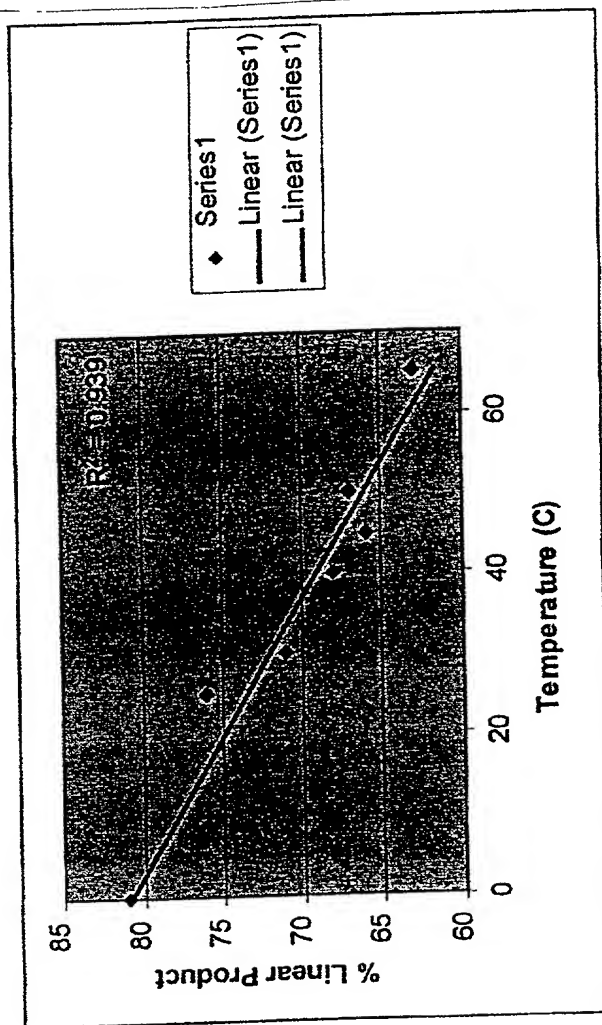


FIGURE 4

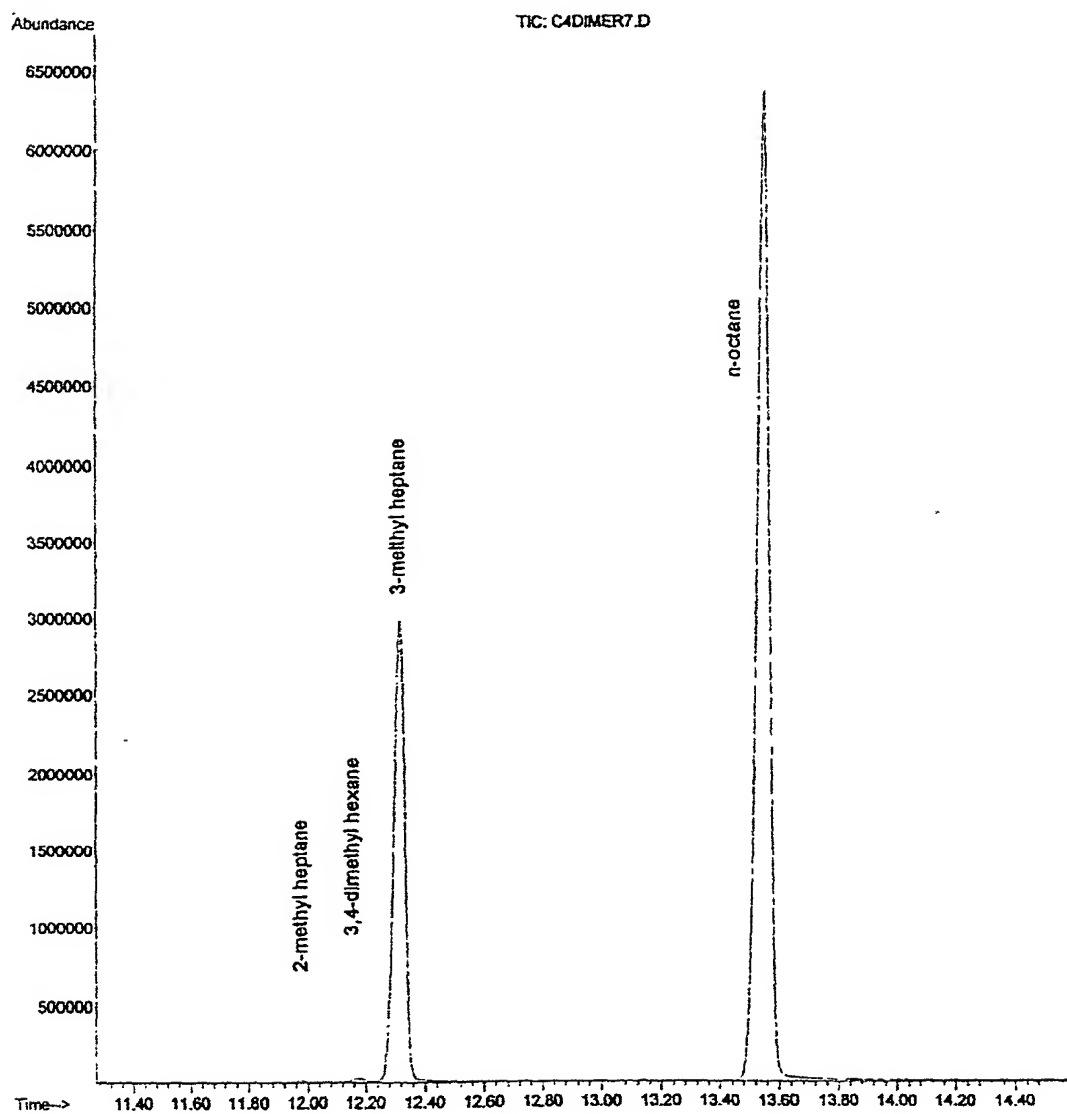


FIGURE 5

¹H NMR Spectrum of 1-Butene Dimer Made by Catalyst 1

97.98% Internal olefin
0.56% trisubstituted olefin
1.46% vinylidene olefin

